

Description

Features

Figures 1 and 2 show top views of the layouts of the M1250 and M2250 attendant consoles, respectively. The user-accessible components are labeled using a row/column grid arrangement. Figure 3 shows rear, left side, and bottom views of the consoles. These illustrations show you where to find the various components as you read this document.

Physical details

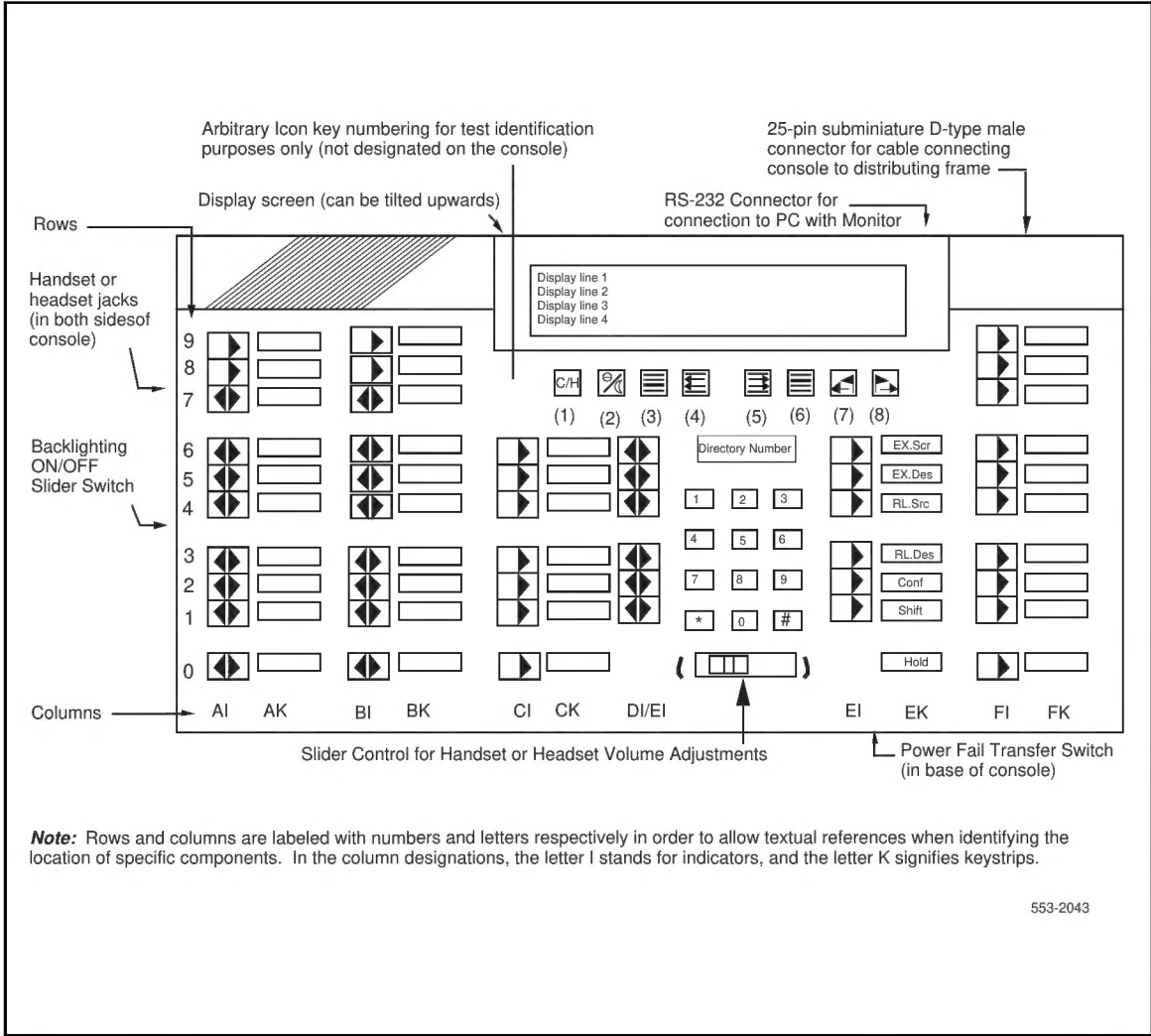
The attendant console dimensions are as follows:

Width	425 mm (16.75 in.)
Depth	245 mm (9.6 in.)
Height (front)	25 mm (1 in.)
Height (back)	65 mm (2.5 in.)
Height (with display screen panel up)	115 mm (4.5 in.)
Weight	approximately 2.75 kg (6 lbs)

Keyboard layout

Refer to Table 2 for the description of keys and Figures 1, 2 and 3 for the location of switches and keys mentioned in this section.

Figure 1
M1250 attendant console—top view



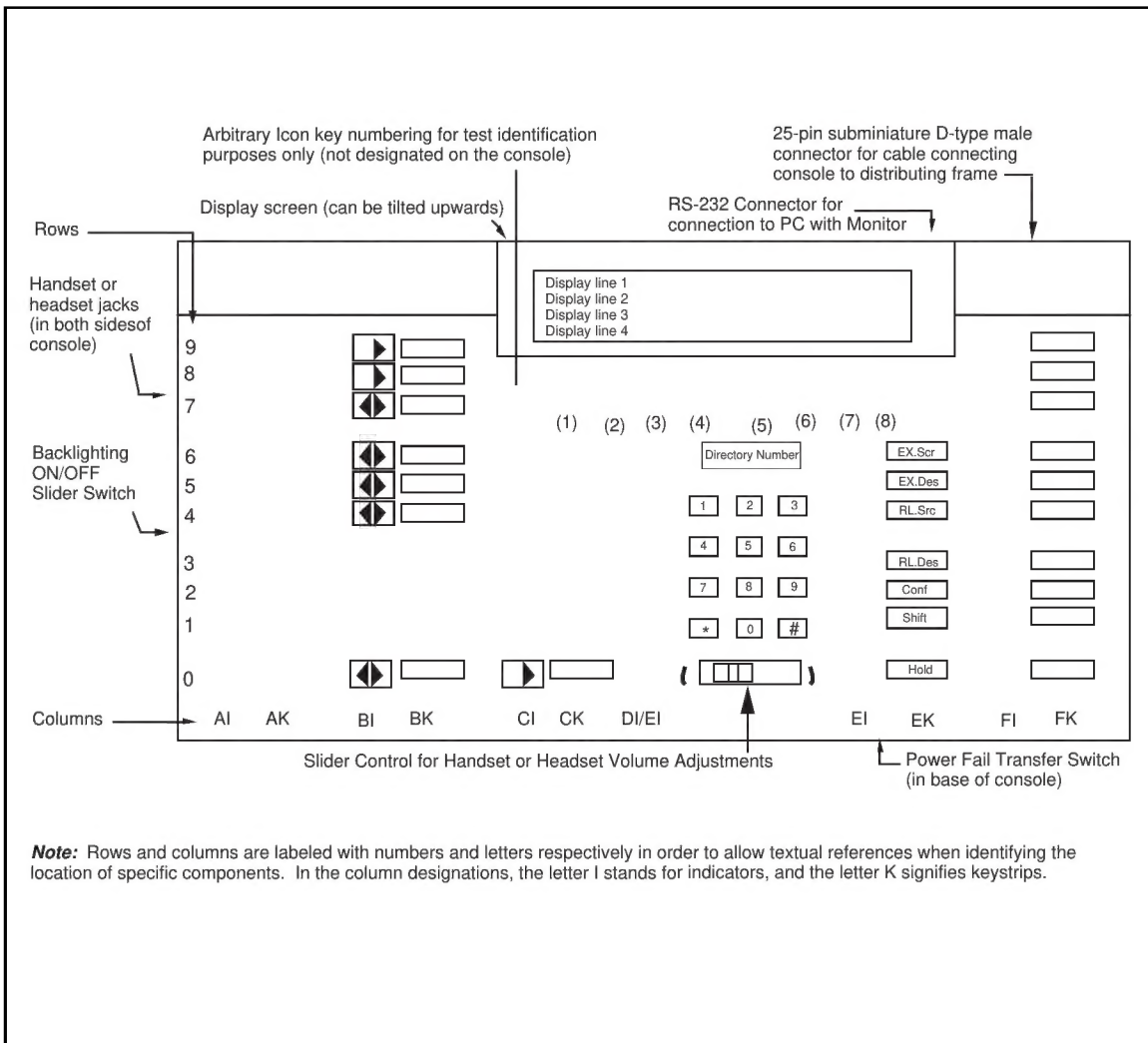
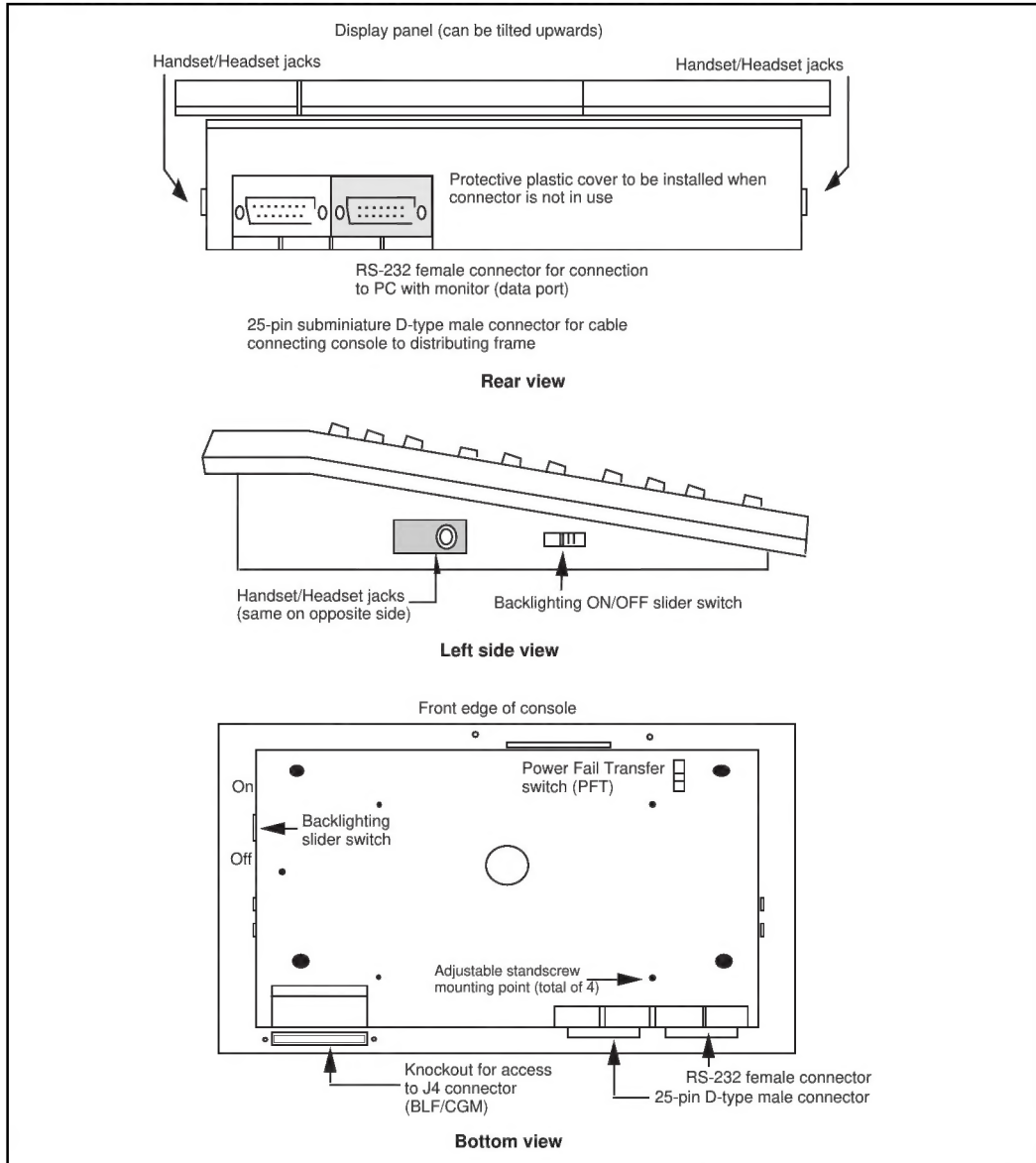


Figure 3
M1250 and M2250 attendant consoles—rear, left side, and bottom views



Function keys

The attendant console has eight function keys, located directly below the display screen. Refer to Table 2 for the positions, functions, and markings of these keys. For an explanation of the functions assigned to the rest of the attendant console keys, refer to “Attendant console operation” on page 27.

Table 2
Softkey definitions and functions (Part 1 of 2)

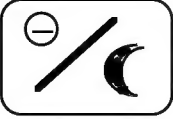
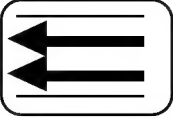
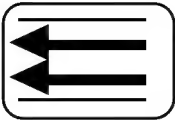
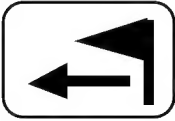
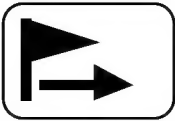
Key number (as shown in Figures 1 and 2)	Key	Function
(1)		Centralized Attendant Service (CAS) File
(2)		Prime function (normal): Position Busy feature Level 1 function (Shift): Night Service feature
(3)		Prime function (normal): Selects display screen line 2 for scrolling. Level 1 function (Shift): Selects the Options menu on the display screen. Alternating between the idle and active call display (M2250 only). From the idle display, press this key to show the active call display.
(4)		Prime function (normal): Scrolls the currently selected line to the left. Level 1 function (Shift): Decreases the alert speaker volume.

Table 2
Softkey definitions and functions (Part 2 of 2)

Key number (as shown in Figures 1 and 2)	Key	Function
(5)		Prime function (normal): Scrolls the currently selected line to the right. Level 1 function (Shift): Increases the alert speaker volume.
(6)		Prime function (normal): Selects line 3 on display screen for scrolling. Level 1 function (Shift): Selects the Diagnostics menu on the display screen. (On the M2250 console, the Diagnostics menu is password-protected. To display it, the user must enter a 4-digit password and press * on the dial pad.) Alternating between the idle and active call display (M2250 only). From the active call display, press this key to show the idle display.
(7)		Prime function (normal): Signal Source feature key Level 1 function (Shift and Conf/Busy Lamp Field key): Used with the Busy Lamp Field/Console Graphics Module, as CGM key.
(8)		Prime function (normal): Signal Destination feature key Level 1 function (Shift): Used with the Busy Lamp Field/Console Graphics Module, as the Mode key.

Switches

A slider control, located below the dial pad, between columns DI/EI and FI (see Figures 1 and 2), controls the handset and headset receive volume level.

A Power Fail Transfer (PFT) switch is located in the baseplate (see Figure 3). Both the line connector and the RS-232 connector for the PC port are located at the back of the console.

Shift key

The Shift key, mentioned earlier, is positioned in column FK, row 1, just above the Hold key (see Figures 1 and 2). It is used to access Level 1 mode functions.

Handset and headset jacks

Two pairs of jacks are provided for plugging in handsets or headsets. The jacks are located on both sides of the console beneath the faceplate in the recessed area shown by the arrows (see Figures 1 and 2). The console accepts both carbon and electret handsets or headsets and automatically adapts itself to each type.

Note: Electret headsets and handsets are polarity sensitive and must be correctly inserted into the jack.

LCD indicators

The LCD indicators on the M1250 and M2250 display triangular symbols that normally point towards the key with which they are associated. Certain keys in the QMT2 mode of operation and loop keys have two LCDs associated with each key instead of one.

On the M2250, every LCD can flash at 30, 60, or 120 impulses per minute (ipm). On the M1250 console, certain lamps can flash only at 60 or 120 ipm. Refer to “Attendant console operation” on page 27 for more details.

The M2250 attendant console has 10 more flexible features than the M1250 attendant console. These are programmed in LD12 and accessed using the Shift key.

Display screen messages

Source information appears on line 2 of the display screen. Destination information appears on line 3 of the display screen.

The status messages listed below appear on line 4 of the display screen panel.

- MN (minor alarm)
- MJ (major alarm)
- C/H (CAS/History File)
- CW (Call Waiting)
- BUSY (Position Busy)
- NIGHT (Night Service)
- IDLE (Idle)
- ACTIVE (lpk has been selected)
- S (Shift mode) Only on the M2250 and later releases of the M1250.
- EMERGENCY (Power Fail Transfer—PFT—feature is activated.)

Connections

The line cord connects to the rear of the attendant console through a 25-pin subminiature D-type connector. The jack connector is attached to the line cord for user safety and equipment protection (pins are not exposed). Having the plug connector mounted in the console also prevents interchanges between the line cord and the serial data port connectors (the serial data port in the console has a jack connector).

Identical two-prong G3 type connectors are provided on each side of the console body to permit handset or headset connection at either side of the console. The attendant console is compatible with both carbon and electret handsets or headsets. The electret handset plug is orientation-dependent and is labeled accordingly.

The M2250 attendant console is connected to the Meridian 1 through two digital ports (primary and secondary) with three additional ports for powering. The M1250 uses two hybrid ports (primary and secondary) for connection to the Meridian 1, with two additional ports for powering.

The M2250 console requires a digital line card or an Integrated Services Digital Line Card (ISDL) of vintage D or later. The M1250 requires a QPC61 or QPC451 line card.

Local console controls

Visual contrast on the display panel can be adjusted using the Contrast option on the Options menu.

From the Options menu, you can change from four-line to two-line mode for easier viewing and to use larger fonts.

The pitch and volume of the buzz tone on the console can be adjusted by the user.

Any one of 15 languages (English, French, Spanish, German, Italian, Norwegian, Irish, Turkish, Katakana, P.R.C. (People's Republic of China), Taiwan, Korean, Polish, Czech/Slovak or Hungarian) can be chosen for the console screen displays.

When the languages P.R.C., Taiwan, and Korean are chosen, the M2250 uses two-line display.

The attendant console is equipped with a real-time clock/calendar. The time of day (hours, minutes, and seconds) and the date (day, month, and year) are displayed on line 1 of the display screen.

The sound of key clicks can be turned on or off. On the M2250, the pitch and volume of key clicks can be adjusted.

Busy Lamp Field/Console Graphics Module

The Busy Lamp Field/Console Graphics Module (BLF/CGM) can be added to an M1250 or M2250 attendant console.

The BLF/CGM can do the following:

- display the status (busy or idle) of up to 150 consecutive extensions within the Meridian 1 Standard Busy Lamp Field (SBLF)
- display the status (busy or idle) of any hundreds group of DN's within the system Enhanced Busy Lamp Field (EBLF)
- display which attendant console is the supervisory console and which consoles are active
- display supplementary information about individual extensions, such as the reason the person is away (business, vacation, or illness), when the person is due to return, and an alternate extension where calls to the person should be directed
- display a company logo
- display graphics
- display text in any one of eight languages
- have its screen contrast adjusted for easy viewing

Installation

The BLF/CGM mounts on the back of the attendant console and is held on by snapfits and screws. It is connected to the console using a 16-way connector that is located on the keyboard printed circuit board (PCB). This connector is accessed through a rectangular knockout section located underneath the casing overhang at the Meridian logo location (see Figure 3).

For more on installing the BLF/CGM, refer to *Telephone and attendant console installation* (553-3001-215). For more on the features and operation of the BLF/CGM, refer to the *Busy Lamp Field/Console Graphics Module user guide* (P0706875).

Power requirements

The BLF/CGM obtains its power through the attendant console.

To provide backlighting for the BLF/CGM display, an external floating 16 V dc (300 mA) power supply (A0367601) must be cabled in at the local Main Distribution Frame (MDF) at a maximum of 35 m (115 ft) from the attendant console.

Display backlight power supply option

An optional 16 V dc power supply (A0367601) may be installed to the MDF to improve the display backlight brightness.